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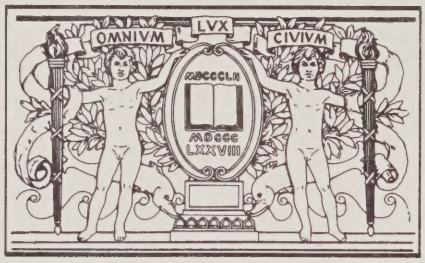

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Resident Workers Share of Boston Jobs; Employment and Wage Levels for Selected Industries (2 Digit) in Boston; Characteristics of Manufacturing and Services Workers; Labor Force Statistics and Household Composition Information From the 1985 Household Survey

A Selection of Recently Compiled
Economic and Demographic Information

Boston Redevelopment Authority
Reseach Department

February 1987

Raymond L. Flynn, Mayor
City of Boston

Stephen Coyle Director
Boston Redevelopment Authority

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Assistant Director
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EMPLOY/A/021987

Table of Contents

I. Boston Resident Workers Share of Boston Jobs, 1983-1986

II. Average Annual Employment and Wages by Industry, City of Boston, 1980 and 1985

III. Characteristics of Manufacturing and Services Workers Who Live in Boston

IV. Labor Force Statistics from the 1985 Household Survey

V. Composition of Boston Households, 1970, 1980, 1985, in Percent

TABLE 1

BOSTON RESIDENT WORKERS SHARE
OF BOSTON JOBS, 1983-1986

	Boston Jobs	Jobs Held By Boston Residents	
		Number	Percent
1983	569,100	190,079	33.4
1986	605,100	205,734	34.0
Change			
1983-1986	+36,000	+14,516	+40.3

Sources: Boston Redevelopment Authority,
See Tables 2,3, and 4.
1986 Estimated

HSSURV/N/021087

TABLE 1

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Change			
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Sources: Boston Redevelopment Authority,
See Tables 2,3, and 4.
1986 Estimated

HSSURV/N/021087

TABLE 2

BOSTON RESIDENT WORKERS' ROLE IN BOSTON'S JOBS

	Boston Jobs	Jobs Held by Boston Residents	Percent	Jobs Held By Commuters
1950	558,000	282,080	51%	275,920
1960	536,000	234,753	44%	301,249
1970	557,000	203,233	36%	353,767
1980	560,900	187,239	33%	373,661
1985	593,600	200,291	34%	393,309
Change				
1950-60	-22,000	-47,000		+25,329
1960-70	+21,000	-32,000		+52,518
1970-80	+ 3,900	-15,761		+19,894
1980-85	+21,700	+13,052		+19,648

Sources: BRA, Boston Tommorow: Background on Development, 1983, (1950-60-70-80) ("Jobs in Boston" and "Resident Workers")

City of Boston, Official Statement, General Obligation Bonds, 1985 (Boston Labor Force 1960-70)

BRA, Boston Employment Trends And Projections By Industry, 1986

BRA & Mayor's Office of Jobs and Community Services, Boston Household Survey, 1985, 1986

BRA & U.S. Bureau of the Census, Boston Population And Housing By Neighborhood Areas, 1980, 1983

BRA, Boston's 1985 Housing Stock and Comparisons With 1980, 1985

HSSURV/L/021087

TABLE 3

BOSTON RESIDENT WORKERS SHARE OF BOSTON JOBS, 1980 & 1985

	1985		1980	Change 1980-1985
Population		609,800	562,994	+46,806
Group quarters population		39,200	39,518	- 318
Population in households		570,600	523,476	+47,124
Population 16 & over	(82%)	501,386	(82%) 459,249	+42,137
Labor force participation		61%	60%	+ 1%
Civilian labor force		305,043	272,794	+32,249
Unemployment rate		6.2%	6.1%	0.1%
Employed labor force		286,130	256,047	+30,083
Working in Boston	(70%)	200,291	(73%) 187,239	+13,052
Working outside of Boston		85,839	68,808	+17,031
Jobs in Boston		593,600	560,900	+32,700
Resident Workers Share of Boston Jobs		34%	33%	+ 1%

Sources: 1980 - U.S. Bureau of the Census 1980 decennial census information published by the Boston Redevelopment Authority, Boston Population and Housing by Neighborhood, Areas, 1980, 1983.
- U.S. Bureau of the Census, Place of Work Destinations, 1980.

1985 - Boston Redevelopment Authority and Mayor's Office of Jobs and Community Services, Boston at Mid-Decade, Results of the 1985 Household Survey, 1986.
- Boston Redevelopment Authority, Jeff Brown, Boston Employment Trends and Projections, by Industry, 1986. (1980 and 1985 employment information.)
- Boston Redevelopment Authority, Rolf Goetze, Boston's 1985 Housing Stock & Comparisons with 1980, 1985.

A.G. February 6, 1987

POPUL8/F/020687

TABLE 4

DAYTIME POPULATION OF BOSTON, 1980 & 1985

	1980	1985	Change
I. Residents (excluding those who work)	306,947	323,670	+16,723
Residents	562,994	609,800	+46,806
Working residents	256,047	286,130	+30,083
II. Workers	560,900	593,600	+32,700
Boston residents working in Boston	187,239	200,291	+13,052
Commuters into Boston	373,661	393,309	+19,648
(Boston residents working outside	(68,808)	(85,839)	(+17,031)
III. Shoppers, Tourists and Business Vistors	71,000	85,000	+14,000
Suburban shoppers into Boston	50,000	60,000	+10,000
Tourists and business vistors	21,000	25,000	+ 4,000
Total Daytime Residents, Workers and Vistors	938,847	1,002,270	+63,423

Sources and Methods:

1980

U.S. Bureau of the Census, 1980 Census of Population and Housing, as reported in BRA, Boston Population And Housing By Neighborhood Area, 1980 - 1983.

U.S. Bureau of the Census, Place of Work Destinations 1980,

Boston Redevelopment Authority, Downtown Crossing, May 1981. Surveys of shoppers in Faneuil Hall Marketplace, Downtown Crossing, and Boylston and Newbury Streets showed that 76 percent, 60 percent, and 57 percent, respectively, lived outside of Boston. Faneuil Hall Marketplace reports 35,000 shoppers a day

Boston Redevelopment Authority, Visitors and Tourists to Boston, 1978-80, October 1981. Visitors to Boston's principal historic and cultural attractions, in 1980, set an all-time record of 8 million. Employment in Boston, closely associated with business visitors trends, increased by 55,000 between 1975 and 1981.

1985

Boston Redevelopment Authority, Jeff Brown
Boston Employment Trends And Projections By Industry, 1986.

Boston Redevelopment Authority, Jeff Brown, Demand For Office And Retail Space, Hotel Rooms and Housing Units In the 1990's In the City of Boston and the Midtown/Cultural District, 1987.

See Table 3.

IBMIRD/M/021087

TABLE 1. AVERAGE ANNUAL EMPLOYMENT AND WAGES BY INDUSTRY, CITY OF BOSTON, 1980 AND 1985

Industry	Average Annual Employees		Average Annual Wages in Constant 1985 Dollars *	
	1980	1985	1980	1985
Fabricated Metals	6,999	5,515	25,855	24,449
Food Products	5,623	3,879	21,412	22,112
Apparel	7,624	5,047	13,943	13,901
Printing & Publishing	11,366	11,459	24,328	27,134
Total Manufacturing	51,929	42,045	22,097	24,513
Construction	9,827	11,445	26,318	28,620
Air Transportation	8,729	8,610	32,749	32,544
Communications	d	12,407	d	34,290
Public Utilities	4,648	4,456	32,083	36,077
Total Transp./Comm./Pub.Utilities	35,704	34,917	29,718	30,219
Banking	16,453	21,354	21,338	24,192
Insurance	31,685	30,812	22,234	24,328
Real Estate	7,653	10,595	19,910	26,296
Total Finance/Insurance/Real Estate	66,513	77,699	24,283	28,976
Eating & Drinking	21,197	25,313	8,014	9,128
Total Retail Trade	55,707	60,397	11,761	11,968
Wholesale Trade	25,850	23,086	25,332	27,721
Hotels	5,433	8,666	11,590	13,589
Misc. Business Services	32,018	39,905	13,861	17,994
Medical Services	54,365	55,697	18,611	21,425
Misc. Professional Services	26,369	30,380	27,700	29,801
Educational Services	21,922	23,424	15,787	18,131
Non-profit Organizations	16,611	17,313	13,546	14,037
Total Services	170,966	191,014	17,717	20,203
TOTAL PRIVATE	417,126	441,270	20,211	22,428
Federal Government	22,252	20,133	26,581	28,420
State Government	32,160	44,709	19,787	24,714
Local Government	33,747	26,616	26,618	19,923
TOTAL GOVERNMENT	88,159	91,458	24,117	24,136
TOTAL ALL INDUSTRIES	505,366	532,729	20,892	22,721

* Adjusted for inflation using the Boston Area Consumer Price Index, U.S. Bureau of Labor Statistics.

d/ Data not disclosed by source.

Source: Massachusetts Division of Employment Security, ES-202 Series, 1980-1985.

TABLE 2. CHANGE IN AVERAGE ANNUAL EMPLOYMENT AND WAGES BY INDUSTRY, CITY OF BOSTON, 1980-1985

(in percent)

Industry	Number of Employees	Wages in Constant 1985 Dollars
Fabricated Metals	-21.2	-5.4
Food Products	-31.0	3.3
Apparel	-33.8	-0.3
Printing & Publishing	0.8	11.5
Total Manufacturing	-19.0	10.9
Construction	16.5	8.7
Air Transportation	-1.4	-0.6
Communications	d	d
Public Utilities	-4.1	12.5
Total Transp./Comm./Pub.Utilities	-2.2	1.7
Banking	29.8	13.4
Insurance	-2.8	9.4
Real Estate	38.4	32.1
Total Finance/Insurance/Real Estate	16.8	19.3
Eating & Drinking	19.4	13.9
Total Retail Trade	8.4	1.8
Wholesale Trade	-10.7	9.4
Hotels	59.5	17.3
Misc. Business Services	24.6	29.8
Medical Services	2.5	15.1
Misc. Professional Services	15.2	7.6
Educational Services	6.9	14.8
Non-profit Organizations	4.2	3.6
Total Services	11.7	14.0
TOTAL PRIVATE	5.8	11.0
Federal Government	-9.5	6.9
State Government	39.0	24.9
Local Government	-21.1	-25.2
TOTAL GOVERNMENT	3.7	0.1
TOTAL ALL INDUSTRIES	5.4	8.8

* Adjusted for inflation using the Boston Area Consumer Price Index, U.S. Bureau of Labor Statistics.

d/ Data not disclosed by source.

Source: Massachusetts Division of Employment Security, ES-202 Series, 1980-1985.

Characteristics of Manufacturing and Services Workers Who Live in Boston

Are Boston's resident manufacturing workers different from resident workers in services or from all resident workers? Tabulation of recent data indicate that there may be a few differences. However, analysis of the results is not yet complete.

The data are from the Boston Redevelopment Authority and Neighborhood Development and Employment Agency Household Survey, conducted by the Center for Survey Research in the spring of 1985. The survey included a sample from each neighborhood of Boston, and questions were similar to those in the U.S. Census of 1980.

For Tables 1-9, subgroups were selected from the full sample. In each table, the first column represents Boston residents, 16 years and older, who work in manufacturing. The second column represents residents who work in services industries, and the third includes all working residents.

For each subgroup, the tables show place of residence, place of work, occupations, journey to work, age, race and ethnic origin, sex, education, and English language proficiency.

A few preliminary observations follow: Manufacturing workers appear to be somewhat older than other working residents. Only 20 percent of the resident manufacturing workers were under age 25, compared to 27 percent of the services workers and 29 percent of all workers. See Table 5.

While working residents in all industries were about evenly split between male and female, 63 percent of the manufacturing workers were male and 56 percent of the services workers were female. See Table 7.

Manufacturing workers had lower educational attainment than resident workers in services and in all industries. One-fourth of the manufacturing workers had less than a high school education, compared to 11 percent among services workers and 14 percent among all workers. Notably, 62 percent of the services workers had at least one year of college, but only 40 percent of the manufacturing workers had a comparable educational attainment. See Table 8.

Table 1: Workers Living in Boston,* Aged 16 Years and Older, By Industry Type, 1985

Place of Residence	Industry Type (In Percent)		
	Manufacturing	Service	All Industrie
East Boston	9	2	5
Charlestown	2	2	2
South Boston	4	2	4
Central Boston	4	4	4
Back Bay/Beacon Hill	4	6	6
South End	3	5	5
Fenway/Kenmore	6	7	7
Allston/Brighton	13	22	18
Jamaica Plain	6	9	7
Roxbury	10	8	8
North Dorchester	2	3	4
South Dorchester	12	8	9
Mattapan	12	6	6
Roslindale	4	5	5
West Roxbury	3	5	5
Hyde Park	8	6	5
Total	100	100	100

Columns based on 257, 711 and 1662 observations, respectively.
Adjusted for missing values; may not sum to 100 due to rounding.
* These workers are employed inside and outside the City of Boston

Source: BRA/NDEA Household Survey, 1985.

Table 2: Workers Living in Boston Aged 16 Years and Older, By Place of Work, Boston Neighborhoods and Elsewhere, By Industry Type, 1985

Place of Work	Industry Type (In Percent)		
	Manufacturing	Service	All Industri
East Boston	7	1	3
Charlestown	1	**	1
South Boston	19	2	4
Central Boston	24	17	21
Back Bay/Beacon Hill /Fenway/kenmore	7	15	11
South End	5	2	2
Allston/Brighton	9	4	5
Roxbury/Jamaica Plain	7	10	6
South Dorchester	13	4	5
Mattapan	**	**	1
Hyde Park/West Roxbury /Roslindale	5	4	3
Other Locations in Boston	3	2	2
Inner Suburbs	28	26	25
Outer Suburbs	10	4	5
Other Massachusetts	4	3	3
Other	2	6	4
Total	100	100	100

Columns based on 257, 711 and 1662 observations, respectively; may not sum to 100 due to rounding.
* Adjusted for missing values.
** Less than 0.5 percent.

Source: BRA/NDEA Household Survey, 1985.

Table 3: Occupations of Workers Living in Boston
Aged 16 Years and Older, By Industry, 1985.

Occupation	Industry Type (In Percent)		
	Manufacturing	Service	All Industrie
Engineers	7	3	3
Other Professional and Technical	10	35	20
Trade and Sales Workers	15	9	19
Clerical & Office Support	12	19	20
Mechanics	3	3	2
Metal Crafts	3	**	1
Other Crafts	12	3	5
Operatives, Nondurables	7	1	1
Operatives, Durables	7	**	1
Operatives, Other	19	2	5
Operatives, Transport	3	1	3
Laborers	1	1	2
Cleaning & Food Services	3	15	11
Other Services	**	9	7
Total	100	100	100

Columns based on 257, 711 and 1662 observations, respectfully; may not sum to 100 due to rounding.
* Adjusted for missing values.
** Less than 0.5 percent.

Source: BRA/NDEA Household Survey, 1985.

Table 4: Journey To Work For Boston Resident Workers
Aged 16 Years and Older, By Industry Type, 1985

Means of Transportation	Industry Type (In Percent)		
	Manufacturing	Service	All Industrie
Private Vehicle	55	49	48
MBTA	31	32	34
Walked Only	13	15	15
Bicycle & Other	1	4	3
Total	100	100	100

Columns based on 257, 711 and 1,662 observations, respectively.
* Adjusted for missing values; may not sum to 100 due to rounding.

Source: BRA/NDEA Household Survey, 1985.

Table 5: Age of Workers Living in Boston Aged 16 and Older, By Industry Type, 1985.

Years of Age	Industry Type (In Percent)		
	Manufacturing	Service	All Industrie
16 - 19	3	5	6
20 - 24	17	22	23
25 - 29	19	21	21
30 - 34	13	14	12
35 - 44	21	20	18
45 - 54	13	11	11
55 - 59	5	2	3
60 - 64	5	3	3
65 and older	4	2	3
Total	100	100	100

Columns based on 257, 711 and 1,662 observations, respectively.
* Adjusted for missing values; may not sum to 100 due to rounding.

Source: BRA/NDEA Household Survey, 1985.

Table 6: Race and Hispanic Origin of Workers Living in Boston Aged 16 Years and Older, By Industry Type, 1985.

Race and Hispanic Origin	Industry Type (In Percent)		
	Manufacturing	Service	All Industrie
White, not Hispanic	66	67	69
Black	24	22	21
Asian	5	5	5
Hispanic	5	6	5
Other	**	1	1
Total	100	100	100

Columns based on 257, 711 and 1,662 observations, respectively.
* Adjusted for missing values; may not sum to 100 due to rounding.
** Less than 0.5 percent.

Source: BRA/NDEA Household Survey, 1985.

Table 7: Boston Resident Workers Aged 16 Years and Older, by Industry Type, 1985.

Sex	Industry Type (In Percent)		
	Manufacturing	Service	All Industrie
Male	63	44	51
Female	37	56	49
Total	100	100	100

Columns based on 257, 711 and 1,662 observations, respectively.
* Adjusted for missing values; may not sum to 100 due to rounding.

Source: BRA/NDEA Household Survey, 1985.

Table 8: Educational Attainment of Workers Living in Boston Aged 16 Years and Older, by Industry Type, 1985.

Highest Grade Completed	Industry Type (In Percent)		
	Manufacturing	Service	All Industrie
Grade 8 or less	10	3	4
Grades 9-11	16	8	10
High School Graduate	35	27	32
1-3 Years College	19	23	23
College Graduate	14	21	20
Graduate Education	7	18	12
Total	100	100	100

Columns based on 257, 711 and 1,662 observations, respectively.
* Adjusted for missing values; may not sum to 100 due to rounding.

Source: BRA/NDEA Household Survey, 1985.

Table 9: English Language Proficiency of Boston Resident Workers Aged 16 years and Older, by Industry Type, 1985

English Language Proficiency	Industry Type (In Percent)		
	Manufacturing	Service	All Industrie
Speaks Language Other than English	19	16	16
Speaks English Well	9	12	10
Speaks English Not Well	8	4	4
Speaks No English At All	2	**	1
Speaks Only English	81	84	84
Total	100	100	100

Columns based on 257, 711 and 1,662 observations, respectively.
* Adjusted for missing values; may not sum to 100 due to rounding.
** Less than 0.5 percent.

Source: BRA/NDEA Household Survey, 1985.

Anne Hafrey, B.R.A. Research

January 21, 1987

Labor Force Statistics from the 1985 Household Survey

1. Labor force participation and unemployment rates for Boston, by neighborhood, 1985 and 1980

2. Labor force participation and unemployment rates by sex by neighborhood, 1985

3. Labor force participation and unemployment rates by race, for Boston residents, 1985

4. Labor force participation and unemployment rates by sex by race, 1985

5. Labor force participation and unemployment rates by age and sex, 1985

6. Labor force participation and unemployment rates by race by age, 1985

7. Educational attainment for adults 25 years and over, by neighborhood, 1980 and 1985

8. Highest grade of schooling completed, by race, for adults 25 years and over, 1985 and 1980

9. Occupations of employed Boston residents, 16 years and over, 1985, 1980, and 1970

10. Percent distribution of employed Boston residents within industries, 1985, 1980, and 1970

11. Place of Work of employed residents, by neighborhood, 1980 and 1985

12. Means of getting to work for employed residents, by neighborhood, 1980 and 1985

Unless otherwise indicated all tables are based on a population 16 years old and over. Please let me know if you have any questions (722-4300 x228)

SUR862/O/012187

LABOR FORCE PARTICIPATION AND UNEMPLOYMENT RATES FOR BOSTON, BY NEIGHBORHOOD, 1985 AND 1980.

	Labor Force Participation			Unemployment #		
	1985	1980	US Census 1980	1985	1980	US Census 1980
East Boston	54	48	56	9	5	7
Charlestown	73	69	61	8	4	8
South Boston	62	59	52	4	7	7
Central	69	67	69	3	3	6
Back Bay-Beacon Hill	71	82	71	1	4	4
Fenway-Kenmore	64	68	64	*	3	5
South End	77	54	54	9	9	4
Allston-Brighton	68	68	62	3	8	5
Jamaica Plain	65	65	58	11	9	6
Roxbury	61	56	54	14	7	10
North Dorchester	53	66	58	3	8	7
South Dorchester	68	60	59	8	4	7
Mattapan	70	63	63	11	9	9
Roslindale	74	57	58	7	3	6
West Roxbury	65	56	60	4	3	4
Hyde Park	62	62	64	1	4	6
BOSTON	66	62	60	6.2	5.7	6.1
UNITED STATES	65	64		7.5*	6.5**	

Rates not seasonally adjusted. * Indicates less than 0.5 percent.

1985 data based on 2,650 observations (weighted).

SOURCES: Boston Redevelopment Authority and Neighborhood Development and Employment Agency, conducted by the Center for Survey Research, 1985.
Boston Redevelopment Authority Household Survey, conducted by the Center for Survey Research, 1980.
* Bureau of Labor Statistics, News Release, May 14, 1985, national rate for March 1985.
** Bureau of the Census, 1980 Census of Population and Housing.

AH/dec86 lfnpd/a1i58

LABOR FORCE PARTICIPATION AND UNEMPLOYMENT RATES BY SEX
BY NEIGHBORHOOD, FOR ADULTS 16 YEARS AND OVER, 1985

	MALE		FEMALE	
	Partici-pation	Unemploy-ment	Partici-pation	Unemploy-ment
East Boston	65	17	46	**
Charlestown	85	9	69	10
South Boston	74	5	51	3
Central	76	3	62	3
Back Bay-Beacon Hill	75	**	67	2
South End	89	6	63	13
Fenway-Kenmore	67	**	59	**
Allston-Brighton	72	5	65	2
Jamaica Plain	75	11	57	11
Roxbury	67	18	59	10
North Dorchester	56	**	51	6
South Dorchester	74	9	62	8
Mattapan	77	15	64	7
Roslindale	85	7	62	7
West Roxbury	70	8	61	**
Hyde Park	71	2	56	**
BOSTON	73	7	59	5
UNITED STATES	75	7	55	8

** Indicates less than 0.5 percent.

Based on 2,644 observations (weighted). National data are from 1984.

Sources: Boston Redevelopment Authority and Neighborhood Development and Employment Agency Household Survey, conducted by the Center for Survey Research, 1985
U.S. Department of Commerce, Bureau of Labor Statistics: Employment and Earnings, 1984. AH/dec86 lfsxnd/a1h54

LABOR FORCE PARTICIPATION AND UNEMPLOYMENT RATES
BY RACE, FOR BOSTON RESIDENTS, 1985

	Labor force Participation	Unemployment Rate
White	67	3
Black	65	14
Asian	58	7
Hispanic	63	6
Hispanic/ Other	62	9
ALL RACES	66	6

Based on 2,625 observations (weighted).

DISTRIBUTION OF LABOR FORCE PARTICIPANTS BY RACE, 1985

	White	Black	Asian	Hispanic/ Other	Total
Labor force Participation	68	22	4	6	100
Employed	70	20	4	6	100
Unemployed	36	50	5	8	100

Based on 2,625 observations (weighted).

Source: Boston Redevelopment Authority and Neighborhood Development and Employment Agency Household Survey, conducted by the Center for Survey Research, 1985. AH/dec86 educse/ylad43

LABOR FORCE PARTICIPATION AND UNEMPLOYMENT RATES BY SEX BY RACE, 1985

	MALE		FEMALE		TOTAL	
	Participation	Unemployment	Participation	Unemployment	Participation	Unemployment
White	75	4	59	2	67	3
Black	69	18	62	11	65	14
Asian	64	9	52	3	60	7
Hispanic/ Other	75	10	56	9	64	9
TOTAL	73	7	59	5	66	6

Based on 2,620 observations (weighted).

Source: Boston Redevelopment Authority and Neighborhood Development and Employment Agency Household Survey, conducted by the Center for Survey Research, 1985. AH/dec86 hhlf/a38g62

LABOR FORCE PARTICIPATION AND UNEMPLOYMENT RATES BY AGE AND SEX, FOR ADULTS 16 YEARS AND OVER, BOSTON, 1985

	MALE				FEMALE			
	1980		1985		1980		1985	
	Participation	Unemployment	Participation	Unemployment	Participation	Unemployment	Participation	Unemployment
16 - 19 years	46	18	45	28	47	6	42	19
20 - 24 years	76	10	79	7	68	15	74	2
25 - 44 years	86	4	88	7	69	3	78	6
45 - 64 years	79	2	73	5	51	5	57	3
65 years and over	21	*	20	*	9	13	10	5
TOTAL	72	5	73	7	54	6	59	5

1985 data based on 2,626 observations (weighted).
1980 data based on 2,018 observations (weighted).

Sources: Boston Redevelopment Authority and Neighborhood Development and Employment Agency Household Survey, conducted by the Center for Survey Research, 1985.
Boston Redevelopment Authority Household Survey, conducted by the Center for Survey Research, 1980. AH/dec86 lfagewk1/a47e76

LABOR FORCE PARTICIPATION AND UNEMPLOYMENT RATES BY RACE BY AGE,
FOR BOSTON RESIDENTS, 1985

	White		Minority		TOTAL	
	Partici-pation	Unemploy-ment	Partici-pation	Unemploy-ment	Partici-pation	Unemploy-ment
16 - 19 years	49	6	40	47	44	25
20 - 24 years	80	2	66	11	77	4
25 - 29 years	82	4	73	14	71	7
30 - 34 years	86	2	79	11	83	6
35 - 44 years	90	6	83	8	87	7
45 - 54 years	82	3	69	5	83	4
55 - 64 years	51	2	48	10	50	4
65 + years	13	*	16	10	13	2
TOTAL	66	3	64	12	66	6

Based on 2,607 observations (weighted).

Source: Boston Redevelopment Authority and Neighborhood Development and Employment Agency Household Survey, conducted by the Center for Survey Research, 1985.

AH/dec86 lfage/ailar32

EDUCATIONAL ATTAINMENT FOR ADULTS 25 YEARS AND OVER, BY NEIGHBORHOOD, 1980 AND 1985 (In Percent)

	1980		1985	
	High School Graduate	College Graduate	High School Graduate	College Graduate
East Boston	48	7	58	8
Charlestown	64	10	87	38
South Boston	62	7	70	13
Central	68	34	81	42
Back Bay-Beacon Hill	94	62	98	85
South End	66	30	74	30
Fenway-Kenmore	85	41	84	59
Allston-Brighton	79	33	91	44
Jamaica Plain	66	24	77	30
Roxbury	55	8	62	15
North Dorchester	59	8	75	7
South Dorchester	66	11	69	15
Mattapan	68	8	67	9
Roslindale	68	13	88	18
West Roxbury	79	22	88	35
Hyde Park	70	12	87	24
BOSTON	68	20	78	28

1985 data based on 1,939 observations (weighted).

Sources: 1980 Census of Population and Housing, Summary Tape File 3.

Boston Redevelopment Authority and Neighborhood Development and Employment Agency Household Survey, conducted by the Center for Survey Research, 1985. AH/dec86 educ/allar37

HIGHEST GRADE OF SCHOOLING COMPLETED, BY RACE,
FOR ADULTS 25 YEARS AND OVER, 1985 and 1980
(In Percent)

	White		Black		Asian		Hispanic/ Other		TOTAL	
	1985	1980	1985	1980	1985	1980	1985	1980	1985	1980
Less than high school diploma	17	28	34	39	29	45	34	52	23	32
High school graduate	35	35	33	39	20	23	32	26	34	35
1-3 years college	17	13	18	14	14	10	17	10	16	13
College graduate	32	24	15	9	38	22	18	12	28	20
TOTAL	100	100	100	100	100	100	100	100	100	100

NOTE: Columns may not total exactly to 100 percent due to rounding.

1985 data based on 1,925 observations (weighted).

SOURCES: Boston Redevelopment Authority and Neighborhood Development and Emplo
Agency Household Survey, conducted by the Center for Survey Research, 1985.
1980 Census of Population and Housing, Summary Tape File 3.

AH/dec86 educe/a1g54

OCCUPATIONS OF EMPLOYED BOSTON RESIDENTS, 16 YEARS AND OVER, 1985, 1980 and 1970 (In Percent)

	1985	1980	1970
Professional, Technical and Managerial	36	30	23
Sales	7	3	6
Office Support	15	26	27
Secretarial	5	#	#
Crafts and Mechanical	8	8	10
Operatives	10	11	14
Laborers	2	3	4
Cleaning and Food Services	10	#	#
Health Services	4	#	#
Miscellaneous Services	4	20	17
TOTAL	100	100	100

In 1980 and 1970, secretaries were classified as office support staff, and all service workers were considered in one category.

1985 data based on 1,835 observations (weighted).
1980 data based on 1,325 observations (weighted).

SOURCES: U.S. Bureau of the Census, 1970 Census of Population.
Boston Redevelopment Authority Household Survey, conducted by the Center for Survey Research, 1980.
Boston Redevelopment Authority and Neighborhood Development and Employment Agency Household Survey, conducted by the Center for Survey Research, 1985. AH/15aug86

PERCENT DISTRIBUTION OF EMPLOYED BOSTON RESIDENTS
WITHIN INDUSTRIES, 1985, 1980 AND 1970

	1985	1980	1970
Construction	3	3	4
Manufacturing	14	14	18
Transportation/ Public Utilities	5	7	8
Trade	15	17	19
F.I.R.E.	8	9	9
Business & Repair Services	6	5	4
Professional & Social Services	21	32	25
Miscellaneous Services	9	4	4
Government	11	8	7
TOTAL	100	100	100

1985 data based on 1,861 observations (weighted).

Sources: Boston Redevelopment Authority and Neighborhood Development and Employment Agency Household Survey, conducted by the Center for Survey Research, 1985.
U.S. Bureau of the Census, 1980.
U.S. Bureau of the Census, 1970.

AH/dec86 hhind/a104f144

PLACE OF WORK OF EMPLOYED RESIDENTS, BY NEIGHBORHOOD, 1980 AND 1985
(In Percent)

	Own Neighborhood		Downtown**		Elsewhere in Boston		In Metro Area		Outside Metro Area		More than one place		TOTAL	
	1980	1985	1980	1985	1980	1985	1980	1985	1980	1985	1980	1985	1980	1985
East Boston	23	28	28	23	23	13	21	34	5	1	NA	1	100	100
Charlestown	27	19	23	36	34	17	16	28	‡	6	NA	3	100	100
South Boston	25	29	19	34	46	23	10	10	‡	4	NA	6	100	100
Central**	45	61	45	9	30	16	18	12	7	3	NA	-	100	100
Back Bay-Beacon Hill*	28	20	29	47	21	10	19	21	3	2	NA	1	100	100
South End	15	13	15	44	46	19	20	17	3	7	NA	-	100	100
Fenway-Kenmore*	*	34	*	30	*	14	*	18	*	6	*	1	*	100
Allston-Brighton	21	14	13	26	27	10	32	46	7	4	NA	1	100	100
Jamaica Plain	18	11	23	30	20	36	35	21	4	5	NA	3	100	100
Roxbury	20	12	12	27	53	39	15	22	‡	2	NA	1	100	100
North Dorchester	‡	2	12	34	64	45	22	19	2	‡	NA	3	100	100
South Dorchester	25	16	24	28	34	36	16	19	2	2	NA	5	100	100
Mattapan	7	5	20	26	42	40	32	31	‡	1	NA	4	100	100
Roslindale	12	10	27	27	31	34	28	29	2	‡	NA	2	100	100
West Roxbury	15	11	22	18	30	23	32	45	1	2	NA	1	100	100
Hyde Park	12	9	23	20	35	32	30	33	‡	6	NA	2	100	100
BOSTON	19	17	20	28	34	25	24	28	3	3	NA	2	100	100

** "Downtown" includes Back Bay-Beacon Hill, Central and Fenway-Kenmore. "Downtown" and "Own Neighborhood" mutually exclusive.
* Back Bay-Beacon Hill includes Fenway-Kenmore as neighborhood and place of work in 1980 but only as place of work in 1985.

‡ Indicates that the proportion is less than 0.5 percent. Rows may not total 100 percent due to rounding.

1980 data are based on 1,167 observations (weighted). 1985 data are based on 1,597 observations (weighted).

Sources: Boston Redevelopment Authority Household Survey, conducted by the Center for Survey Research, 1980.
Boston Redevelopment Authority and Neighborhood Development and Employment Agency Household Survey, conducted by the Center for Survey Research, 1985. AH/dec86 trans/11t53

MEANS OF GETTING TO WORK FOR EMPLOYED RESIDENTS, BY NEIGHBORHOOD,
1980 AND 1985 (In Percent)

	Car, Truck or Van		MBTA		On Foot		Other*		TOTAL
	1980	1985	1980	1985	1980	1985	1980	1985	1980/1985
East Boston	50	47	37	37	13	16	*	*	100
Charlestown	35	50	46	30	14	17	5	6	100
South Boston	36	45	44	32	21	20	*	3	100
Central	25	22	15	15	59	55	1	7	100
Back Bay-Beacon Hill*	13	33	34	19	43	44	10	5	100
South End	26	30	44	32	23	34	8	4	100
Fenway-Kenmore		19		36		43		2	100
Allston-Brighton	50	52	37	36	8	9	5	3	100
Jamaica Plain	50	51	37	34	14	13	*	3	100
Roxbury	54	45	36	48	9	4	1	4	100
North Dorchester	40	47	45	47	13	5	2	2	100
South Dorchester	57	52	33	42	8	5	3	1	100
Mattapan	58	60	34	34	4	3	4	4	100
Roslindale	60	71	35	27	5	1	1	1	100
West Roxbury	69	83	25	14	5	1	1	2	100
Hyde Park	69	64	23	29	7	5	1	1	100
BOSTON	47	50	35	33	15	15	3	3	100

NOTES: "Other" includes taxicabs and bicycles, as well as those wh
* Includes Fenway-Kenmore in 1980.

1980 data based on 1,174 observations (weighted). 1985 data based on 1,542 observations (weighted).

SOURCES: Boston Redevelopment Authority Household Survey, conducted by the Center for Survey Research, 1980. Boston Redevelopment Authority and Neighborhood Development and Employment Agency Household Survey, conducted by the Center for Survey Research, 1985. AH/jul86
trans/alh54

COMPOSITION OF BOSTON HOUSEHOLDS, 1970, 1980, 1985 IN PERCENT

	1985	1980	1970
All Occupied Households	100	100	100
Family	54	53	65
Married couple	35	33	47
with children under 18	17	15	24
Other family	19	20	18
Male householder	3	3	3
with children under 18	1	1	1
Female householder	15	16	15
with children under 18	9	10	7
Non-family	46	47	35
One person	35	37	29
Male householder	15	16	11
Female householder	20	21	18
65 years or more	9	11	10
Two or more persons	11	10	6
Male householder	5	5	3
Female householder	6	4	3
65 years or more	*	1	1

* Less than 0.5 percent
1985 based on 1,302 observations (weighted).

Source: Boston Redevelopment Authority and Neighborhood Development and Employment Agency Household Survey, conducted by Center for Survey Research, 1985.

U.S. Bureau of the Census, Census of Population and Housing, STF 1, 1980 and First Count, 1970.

COMPOSITION OF HOUSEHOLDS IN EAST BOSTON, SOUTH BOSTON, AND CHARLESTOWN, 1970, 1980, 1985 IN PERCENT

	1985	1980	1970
All Occupied Households	100	100	100
Family	58	61	73
Married couple	37	39	52
with children under 18	16	18	28
Other family	21	21	20
Male householder	4	4	4
with children under 18	1	1	1
Female householder	17	17	16
with children under 18	9	10	8
Non-family	42	39	27
One person	36	36	
Male householder	13	14	
Female householder	22	22	
65 years or more	18	14	
Two or more persons	6	3	
Male householder	2	2	
Female householder	4	1	
65 years or more	1	*	

* Less than 0.5 percent
1985 based on 174 observations (weighted).

Source: Boston Redevelopment Authority and Neighborhood Development and Employment Agency Household Survey, conducted by Center for Survey Research, 1985.

U.S. Bureau of the Census, Census of Population and Housing, STF 1, 1980 and First Count, 1970.

Note: The 1970 U.S. Census gives information for non-family households by sex, but does not separate single persons from two or more person households.

COMPOSITION OF HOUSEHOLDS IN CENTRAL, BACK BAY-BEACON HILL, AND SOUTH END, 1970, 1980, 1985 IN PERCENT

	1985	1980	1970
All Occupied Households .	100	100	100
Family	29	31	35
Married couple	20	21	26
with children under 18	5	8	10
Other family	9	9	9
Male householder	2	2	2
with children under 18	1	1	*
Female householder	7	7	7
with children under 18	4	4	3
Non-family	71	69	65
One person	55	56	
Male householder	26	28	
Female householder	28	27	
65 years or more	7	10	
Two or more persons	16	13	
Male householder	8	8	
Female householder	8	5	
65 years or more	*	5	

* Less than 0.5 percent
1985 based on 209 observations (weighted).

Source: Boston Redevelopment Authority and Neighborhood Development and Employment Agency Household Survey, conducted by Center for Survey Research, 1985.

U.S. Bureau of the Census, Census of Population and Housing, STF 1, 1980 and First Count, 1970.

Note: The 1970 U.S. Census gives information for non-family households by sex, but does not separate single persons from two or more person households.

COMPOSITION OF HOUSEHOLDS IN FENWAY-KENMORE AND ALLSTON-BRIGHTON, 1970, 1980, 1985 IN PERCENT

	1985	1980	1970
All Occupied Households	100	100	100
Family	28	31	70
Married couple	22	22	44
with children under 18	9	8	24
Other family	6	9	27
Male householder	1	2	4
with children under 18	*	*	1
Female householder	5	7	23
with children under 18	2	3	16
Non-family	72	69	30
One person	50	46	
Male householder	24	19	
Female householder	26	27	
65 years or more	8	11	
Two or more persons	22	23	
Male householder	7	12	
Female householder	15	11	
65 years or more	*	*	

* Less than 0.5 percent
1985 based on 267 observations (weighted).

Source: Boston Redevelopment Authority and Neighborhood Development and Employment Agency Household Survey, conducted by Center for Survey Research, 1985.

U.S. Bureau of the Census, Census of Population and Housing, STF 1, 1980 and First Count, 1970.

Note: The 1970 U.S. Census gives information for non-family households by sex, but does not separate single persons from two or more person households.

COMPOSITION OF HOUSEHOLDS IN JAMAICA PLAIN AND ROXBURY, 1970, 1980, 1985 IN PERCENT

	1985	1980	1970
All Occupied Households	100	100	100
Family	63	62	70
Married couple	34	29	44
with children under 18	20	15	24
Other family	29	33	27
Male householder	5	4	4
with children under 18	2	2	1
Female householder	24	28	23
with children under 18	19	22	16
Non-family	37	38	30
One person	28	30	
Male householder	8	13	
Female householder	20	17	
65 years or more	9	9	
Two or more persons	9	8	
Male householder	5	5	
Female householder	4	4	
65 years or more	*	1	

* Less than 0.5 percent
1985 based on 212 observations (weighted).

Source: Boston Redevelopment Authority and Neighborhood Development and Employment Agency Household Survey, conducted by Center for Survey Research, 1985.

U.S. Bureau of the Census, Census of Population and Housing, STF 1, 1980 and First Count, 1970.

Note: The 1970 U.S. Census gives information for non-family households by sex, but does not separate single persons from two or more person households.

COMPOSITION OF HOUSEHOLDS IN NORTH DORCHESTER, SOUTH DORCHESTER, AND MATTAPAN, 1970, 1980, 1985 IN PERCENT

	1985	1980	1970
All Occupied Households	100	100	100
Family	75	70	80
Married couple	42	41	56
with children under 18	26	23	31
Other family	33	29	23
Male householder	5	5	4
with children under 18	1	2	1
Female householder	28	24	19
with children under 18	15	17	11
Non-family	25	30	20
One person	20	25	
Male householder	11	10	
Female householder	9	15	
65 years or more	5	9	
Two or more persons	5	5	
Male householder	3	3	
Female householder	2	2	
65 years or more	1	*	

* Less than 0.5 percent
1985 based on 249 observations (weighted).

Source: Boston Redevelopment Authority and Neighborhood Development and Employment Agency Household Survey, conducted by Center for Survey Research, 1985.

U.S. Bureau of the Census, Census of Population and Housing, STF 1, 1980 and First Count, 1970.

Note: The 1970 U.S. Census gives information for non-family households by sex, but does not separate single persons from two or more person households.

COMPOSITION OF HOUSEHOLDS IN ROSLINDALE, WEST ROXBURY, AND HYDE PARK, 1970, 1980, 1985 IN PERCENT

	1985	1980	1970
All Occupied Households	100	100	100
Family	76	70	83
Married couple	60	52	67
with children under 18	28	23	34
Other family	17	18	16
Male householder	4	4	3
with children under 18	*	1	1
Female householder	12	15	12
with children under 18	6	7	4
Non-family	24	30	17
One person	20	26	
Male householder	5	7	
Female householder	15	18	
65 years or more	8	13	
Two or more persons	4	4	
Male householder	1	2	
Female householder	3	2	
65 years or more	*	*	

* Less than 0.5 percent
1985 based on 200 observations (weighted).

Source: Boston Redevelopment Authority and Neighborhood Development and Employment Agency Household Survey, conducted by Center for Survey Research, 1985.

U.S. Bureau of the Census, Census of Population and Housing, STF 1, 1980 and First Count, 1970.

Note: The 1970 U.S. Census gives information for non-family households by sex, but does not separate single persons from two or more person households.